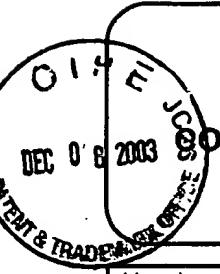


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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	09/884,696
Filing Date	June 19, 2001
First Named Inventor	Lisle W. George
Title	MORAXELLA BOVIS CYTOTOXIN, CYTOXIN
Art Unit	1645
Examiner Name	Virginia Allen Portnet
Attorney Docket Number	407J-000700US

16  
Linda  
1-6-04

I hereby appoint:

Practitioners associated with the Customer Number:  
OR  
 Practitioner(s) named below:



Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

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OR

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<input checked="" type="checkbox"/>	Firm or Individual Name	Quine Intellectual Property Law Group, P.C.			
Address	P.O. Box 458				
Address					
City	Alameda	State	CA	Zip	94501
Country	United States				
Telephone	(510) 337-7871	Fax	(510) 337-7877		

I am the:

Applicant/Inventor.  
 Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## SIGNATURE of Applicant or Assignee of Record

Name	Linda S. Stevenson, Manager, Patent Prosecution		
Signature	<i>Linda S. Stevenson</i>		
Date	November 25, 2003	Telephone	(510) 587-6000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 \*Total of \_\_\_\_\_ forms are submitted.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name	Juliana Hernes		
Signature	<i>Juliana Hernes</i>	Date	December 3, 2003

**STATEMENT UNDER 37 CFR 3.73(b)**



Applicant: **Lisle W. George, et al.**

Application No.: **09/884,696**

Filed: **June 19, 2001**

Entitled: **MORAXELLA BOVIS CYTOTOXIN, CYTOXIN GENE, ANTIBODIES AND VACCINES FOR PREVENTION AND TREATMENT OF MORAXELLA BOVIS INFECTIONS**

**The Regents of the University**, a **University**  
of California

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011985, Frame 0372, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

November 25, 2003  
Date

  
Signature

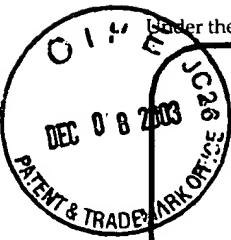
**Linda S. Stevenson**

Typed or printed name

**Manager, Patent Prosecution**

Title

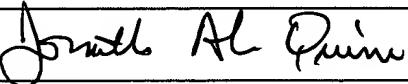
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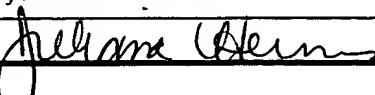


# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

(to be used for all correspondence after initial filing)	Application Number	09/884,696	
	Filing Date	June 19, 2001	
	First Named Inventor	Lisle W. George	
	Group Art Unit	1645	
	Examiner Name	Virginia Allen Portnet	
Total Number of Pages in This Submission	9	Attorney Docket Number	407J-000700US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):  <div style="border: 1px solid black; padding: 5px; min-height: 40px; margin-top: 10px;">receipt acknowledgment postcard</div>
<b>Authorization to Charge Deposit Account</b> Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.		
<b>RECEIVED</b> DEC 11 2003 <b>TECH CENTER 1600/2000</b>		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Jonathan Alan Quine, Reg. No. 41,261, Quine Intellectual Property Law Group, P.C.	
Signature		
Date	December 3, 2003	

CERTIFICATE OF MAILING			
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Typed or printed name	Juliana Hermes		
Signature		Date	December 3, 2003

TRANSMITTAL LETTER  
(General - Patent Pending)

Docket No.  
481.06

In Re Application Of: LISLE W. GEORGE, ET AL.

Serial No.

N/A

Filing Date

JUNE 19, 2001

Examiner

N/A

Group Art Unit

N/A

Title: ***MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE, ANTIBODIES AND VACCINES  
FOR PREVENTION AND TREATMENT OF MORAXELLA BOVIS INFECTIONS***

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

1. TRANSMITTAL LETTER;
2. RECORDATION FORM COVER SHEET;
3. ORIGINAL SIGNED ASSIGNMENT DOCUMENT;
4. CHECK IN THE AMOUNT OF \$40.00; AND
5. POSTCARD.

in the above identified application.

No additional fee is required.

A check in the amount of \$40.00 is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 16-1331 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of

Credit any overpayment.

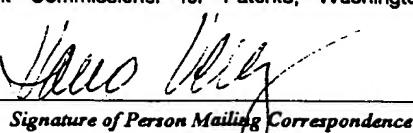
Charge any additional fee required.

  
Signature

Dated: 7/11/01

HANA VERNY (REG. NO. 30,518)  
PETERS, VERNY, JONES & BIKSA LLP  
385 SHERMAN AVENUE, SUITE 6  
PALO ALTO, CA 94306  
TELEPHONE: (650)324-1677  
FACSIMILE: (650)324-1678

I certify that this document and fee is being deposited on *July 11, 2001* with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Signature of Person Mailing Correspondence

HANA VERNY (REG. NO. 30,518)

Typed or Printed Name of Person Mailing Correspondence

CC:

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I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to:  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on December 3, 2003

By Juliana Hermes  
Juliana Hermes, QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

DEC 8 2003

Attorney Docket No. 407J-000700US  
Client Reference No.: 199-069-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lisle W. George, et al.

Examiner: Virginia Allen Portnet

Application No.: 09/884,696

Art Unit: 1645

Filed: June 19, 2001

SUBMISSION OF POWER OF  
ATTORNEY OR AUTHORIZATION OF  
AGENT, NOT ACCOMPANYING  
APPLICATION

For: MORAXELLA BOVIS CYTOTOXIN,  
CYTOXIN GENE, ANTIBODIES AND  
VACCINES FOR PREVENTION AND  
TREATMENT OF MORAXELLA BOVIS  
INFECTIONS

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Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please make of record the following enclosed documents regarding the above-identified application:

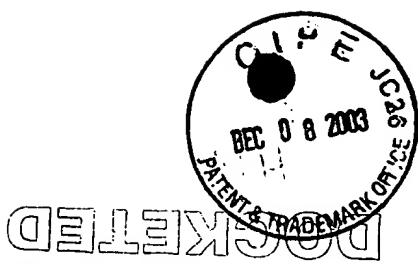
- 1) Power of Attorney or Authorization of Agent, Not Accompanying Application
- 2) Statement Under 37 CFR 3.73(b)
- 3) Copy of Recorded Assignment.

Respectfully submitted,



Jonathan Alan Quine, J.D., Ph.D.  
Reg. No. 41.261

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
P.O. BOX 458  
Alameda, CA 94501  
(510) 337-7871/ Fax (510) 337-7877



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SEPTEMBER 24, 2001

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PETERS, VERNY, JONES & BIKAS LLP  
HANA VERNY  
385 SHERMAN, AVENUE, SUITE 6  
PALO ALTO, CA 94306



\*101784129A\*

TO BE DOCKETED

OCT 3 2001

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/16/2001

REEL/FRAME: 011985/0372  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GEORGE, LISLE W.

DOC DATE: 06/22/2001

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ASSIGNOR:  
ANGELOS, JOHN A.

DOC DATE: 06/22/2001

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ASSIGNOR:  
HESS, JOHN F.

DOC DATE: 06/22/2001

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET, FIFTH FLOOR  
OAKLAND, CALIFORNIA 94607-5200

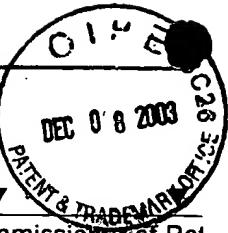
SERIAL NUMBER: 09884696  
PATENT NUMBER:

FILING DATE: 06/19/2001  
ISSUE DATE:

011985/0372 PAGE 2

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
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07-20-2001



cket No.: 481.06 (HV)

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101784129

To the Honorable Commissioner of Pat

1. Name of conveying party(ies):

LISLE W. GEORGE  
JOHN A. ANGELOS  
JOHN F. HESS

7-16-01

2. Name and address of receiving party(ies):

Name: THE REGENTS OF THE UNIVERSITY OF

Address: CALIFORNIA

1111 FRANKLIN STREET, FIFTH FLOOR

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: JUNE 22, 2001

City: OAKLAND State/Prov.: CA

Country: USA ZIP: 94607-5200

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_

B. Patent No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: HANA VERNY

Registration No. 30,518

Address: PETERS, VERNY, JONES & BIKSA LLP

385 SHERMAN AVENUE, SUITE 6

City: PALO ALTO State/Prov.: CA

Country: USA ZIP: 94306

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

16-1331

07/19/2001 DBYRME 00000209 09884696

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HANA VERNY

Name of Person Signing

Signature

3

Date

ASSIGNMENT

U.C. Case No. 99-069-1

Attorney Docket No. 481.06 (HV)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. LISLE W. GEORGE

2. JOHN A. ANGELOS

3. JOHN F. HESS

4. \_\_\_\_\_

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200, and the successor, assigns and legal representatives of the ASSIGNEE all of its/their right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE, ANTIBODIES AND VACCINES FOR PREVENTION AND TREATMENT OF MORAXELLA BOVIS INFECTIONS

and which is found in

(a) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_, entitled as above and listing the above named person(s) as inventor(s).

(b) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_, filed on \_\_\_\_\_

(c) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country; including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this agreement;

ASSIGNOR(S) further covenant(s) that ASSIGNEE, will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

22 day of June, 2001

Signature of Inventor(s)

Lisle W. George  
LISLE W. GEORGE

22 day of June, 2001

John A. Angelos  
JOHN A. ANGELOS

22 day of June, 2001

John F. Hess  
JOHN F. HESS